

**IN THE CLAIMS:**

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (Currently Amended) Electrooptical element made of a crystal for an electrooptical modulator (EOM), ~~e.g. Pockels cell, with~~ comprising a housing ~~[[ (5) ]],~~ with the a crystal ~~[[ (4) ]]~~ arranged therein in the form of a vertical cylinder having ~~whose~~ two cover surfaces which form a front plane for a light beam to enter and an exit plane ~~[[ (41) ]]~~ arranged at a distance therefrom and against each of which an annular electrode ~~[[ (1) ]]~~ is placed, ~~and with~~ a holder provided between said housing on one side and both ~~[[ the ]]~~ a lateral surface of said crystal and said two annular electrodes on the other side,

~~characterized in that~~ said holder ~~comprises~~ comprising an O-ring ~~[[ (2) ]]~~ made of an electrically conducting material that extends concentrically about each annular electrode ~~[[ (1) ]]~~ and that forms a closed annular space between it and said housing ~~[[ (5) ]]~~ and comprises a hardened filling compound ~~[[ (3) ]]~~ that fills said annular space.

2. (Currently Amended) Element in accordance with claim 1, ~~characterized in that~~ wherein said housing ~~[[ (5) ]]~~ has ~~in its~~ a case having a fill aperture ~~[[ (6) ]]~~ for said filling compound ~~[[ (3) ]]~~.

F-8662

3. (Currently Amended) Element in accordance with claim 1 ~~or 2~~,  
~~characterized in that~~ wherein said filling compound ~~[(3)]~~ comprises a plastic.

4. (Currently Amended) Element in accordance with claim 3, ~~characterized~~  
~~in that~~ wherein said plastic for said filling compound ~~[(3)]~~ comprises resins,  
epoxies, lacquers, waxes, thermoplastics, elastomers, duromers, and/or acrylates.

5. (New) Element in accordance with claim 2 wherein said filling compound  
comprises a plastic.

6. (New) Element in accordance with claim 1 wherein said electrooptical  
modulator (EOM) comprises Pockels cell.